



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Lloyd Industries, Inc.
231 Commerce Drive
Montgomeryville, PA 18936

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model 4SRF and 4SRCF Aluminum Louvers

APPROVAL DOCUMENT: Drawing No. 4SRF-4SRCF, titled "Model 4-SRF/4-SRCF Louver", Sheets 1 through 4 of 4, dated 08/12/2013, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Orange Park, FL, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
02/27/2014

NOA No. 13-0207.04
Expiration Date: March 6, 2019
Approval Date: March 6, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 4SRF-4SRCF, titled "Model 4-SRF/4-SRCF Louver", Sheets 1 through 4 of 4, dated 08/12/2013, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a 4-SRCF louver, prepared by Architectural Testing Inc., Test Report No. C1142.01-109-18, dated 01/15/2013, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS

1. Anchors calculations dated 10/06/2013 and 01/09/2014, issued, signed and sealed by Richard Boyette, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC, dated 10/06/2013, issued, signed and sealed by Richard Boyette, P.E.
2. No financial interest letter dated 10/06/2013, issued, signed and sealed by Richard Boyette, P.E.
3. Laboratory code compliance statement issued by Architectural Testing Inc., for Test Report No. C1142.01-109-18, dated 01/15/2013, signed and sealed by Michael D. Stremmel, P.E.



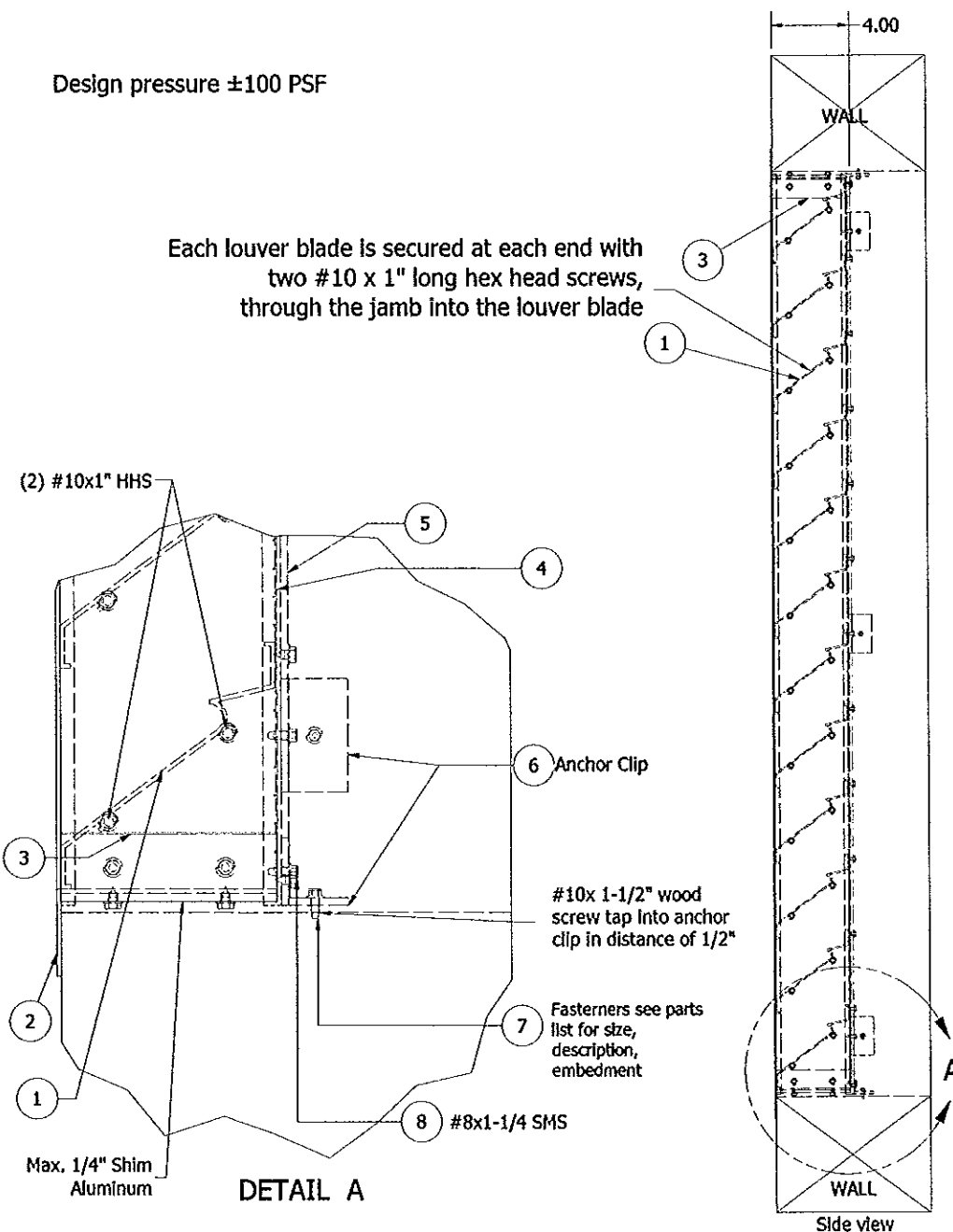
02/27/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0207.04
Expiration Date: March 6, 2019
Approval Date: March 6, 2014

PARTS LIST			
ITEM	QTY	PART	DESCRIPTION
1	11	Blade	0.075" Alloy Aluminum 6061 - T6 Extrusion (Max. QTY: 11)
2	2	Top and Sill	0.075" Alloy Aluminum 6061 - T6 Extrusion
3	2	Side Frame	0.075" Alloy Aluminum 6061 - T6 Extrusion
4	1	Screen	0.035" Thick Aluminum Wire
5	1	Back Plate	1" x 1/8" x 47-3/4" Alloy Aluminum 6061 - T6
6	12	Anchor Clip	1-3/16" x 1-3/16" x 2" x 1/8" Alloy Aluminum 6061 - T6
7	See Table	#10 x 1-3/4" Wood Screw	PT 2x Wood Buck, 2" Edge Dist., 1-1/2" MIN Embed, SG 0.55
		#10-16 Kwik-Flex SDS	MIN 18g Steel, 1" Edge Dist., Full PEN.
		1/4" x 2-1/2" Tapcon	Grout Filled CMU, MIN 1-1/2" Embed into Grout, 2" Edge Dist.
		1/4" x 2-3/4" Tapcon	MIN 2000 PSI Concrete, 1-1/2" Embed, 2" Edge Dist.
8	8-12	#8 x 1-1/4" SMS	

* ALL FASTENERS ARE STAINLESS STEEL

Design pressure ± 100 PSF



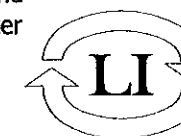
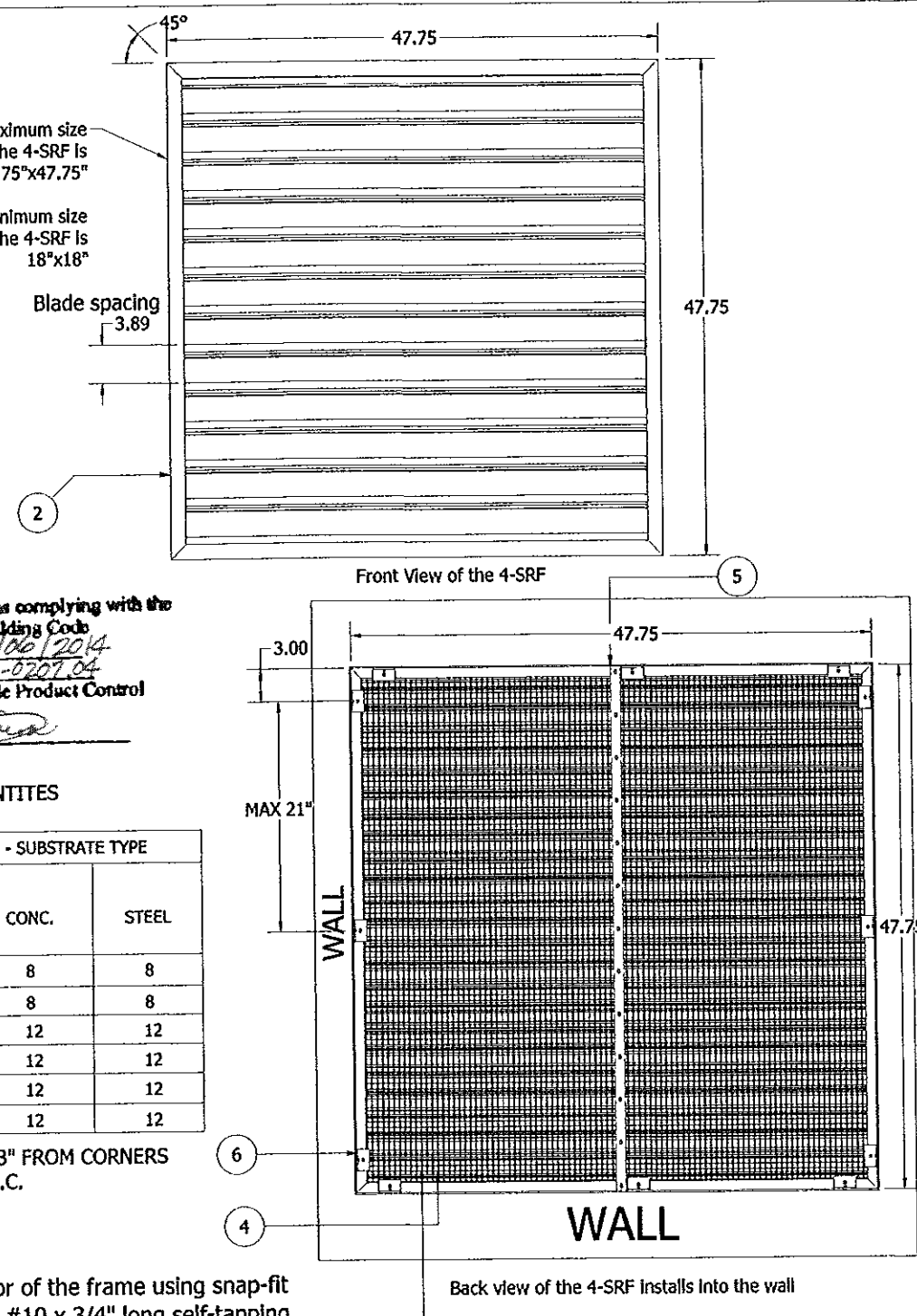
Approved as complying with the
Florida Building Code
Date 03/06/2014
NOA# 13-0207.04
Miami Dade Product Control
By *[Signature]*

FASTENER QUANTITIES

MAX INSIDE DIMENSION L x W	NO. FASTENERS - SUBSTRATE TYPE		
	WOOD	CONC.	STEEL
18"x18"	8	8	8
24"x24"	8	8	8
30"x30"	12	12	12
36"x36"	12	12	12
42"x42"	12	12	12
48"x48"	12	12	12

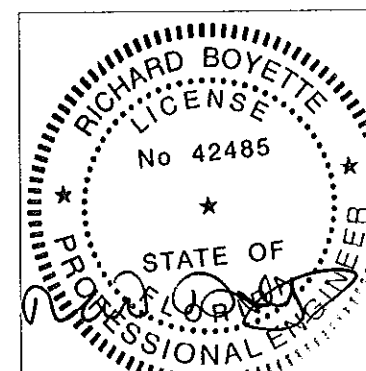
FASTENER SPACING: 3" FROM CORNERS
MAX 21" O.C.

The screen secures to the interior of the frame using snap-fit extruded aluminum stops and #10 x 3/4" long self-tapping hex head screws. The screws located at the head, sill and jambs and are located at each end and spaced 7" on center



LLOYD INDUSTRIES INC.

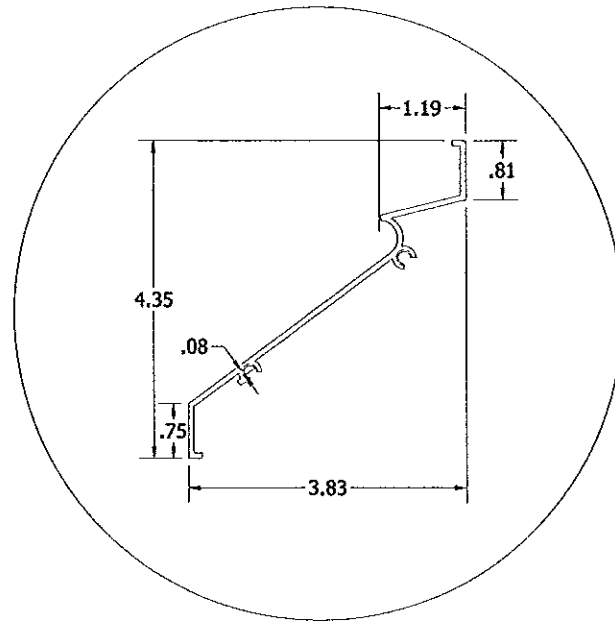
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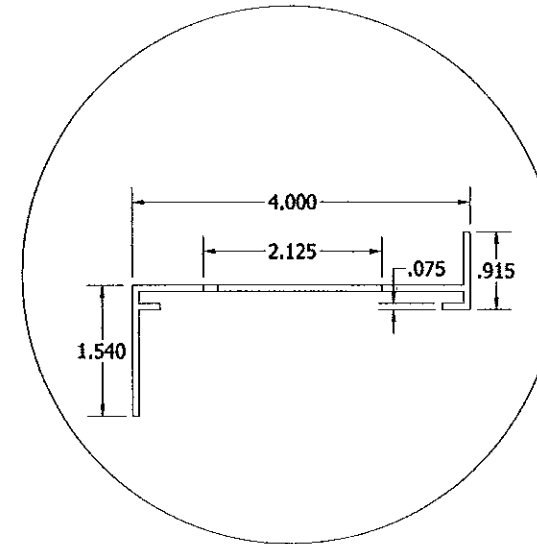
Richard Boyette
FL PE #42485
Rick Boyette Consulting Inc - CoA
#9707
4031 Coconut Blvd
Royal Palm Beach FL 33411
561-790-5766

DWG NO.	4SRF - 4SRCF	Sheet 1 of 4
TITLE	IMPACT RESISTANT LOUVER Model 4-SRF	
DRAFTER	DAVID LEI	DATE 8-12-2013

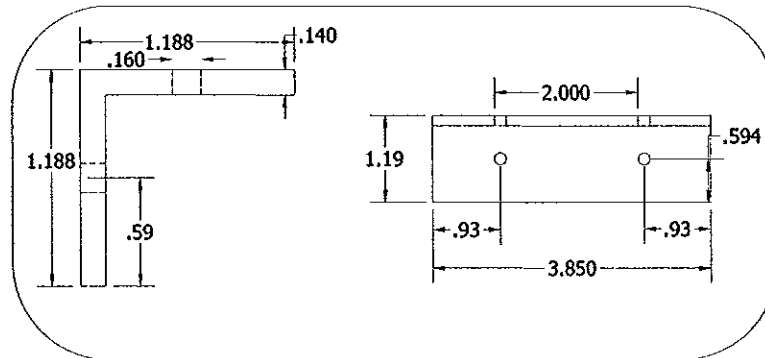
APPROVED JAN 15 2014



Detail Item 1



Detail Item 2



Detail Item 3

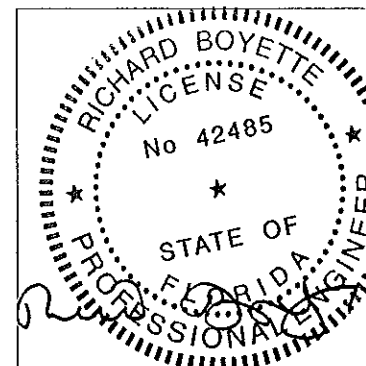
Note: These louvers have not been tested for water infiltration per TAS 100(A) (Wind Driven Rain Resistance Test). They are to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/water proof equipment, components, or supplies".

Approved as complying with the
Florida Building Code
Date 03/06/2014
NOA# 13-0207.54
Miami Dade Product Control
By [Signature]



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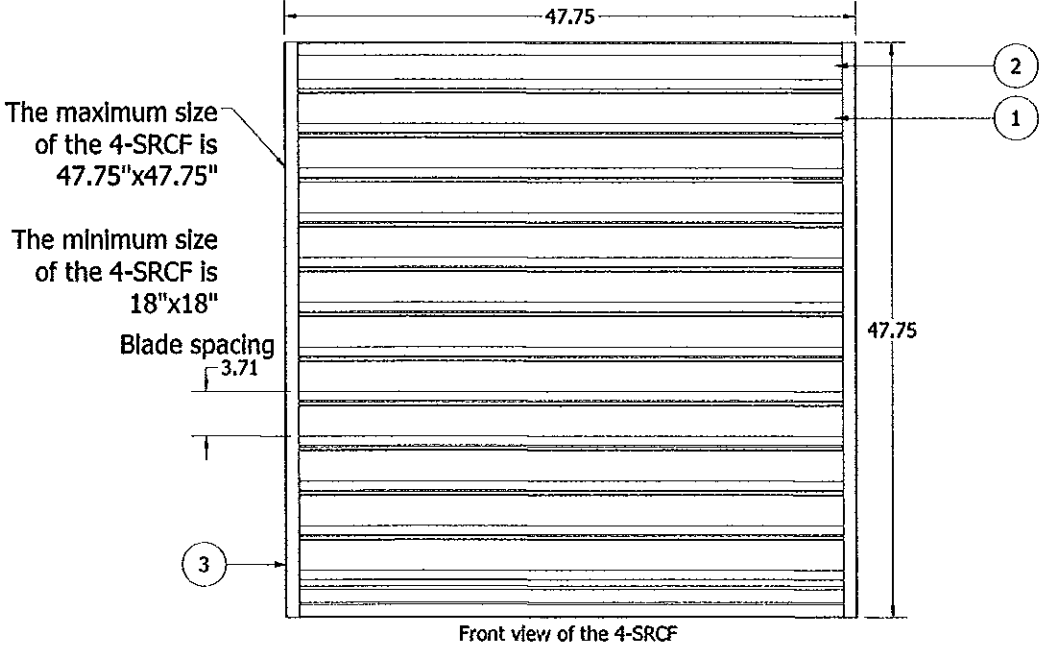
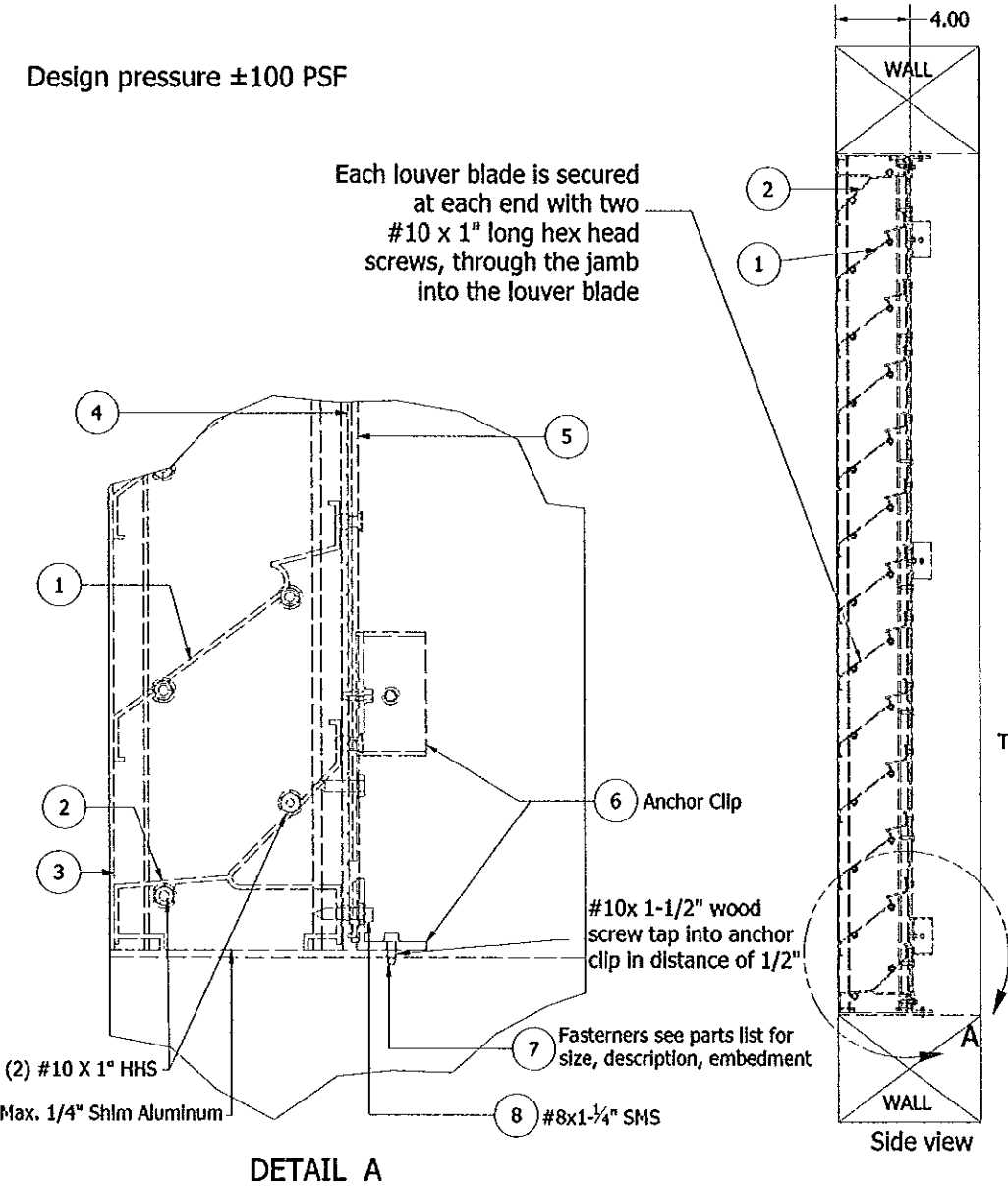
DWG NO.	4SRF - 4SRCF	Sheet 2 of 4
TITLE	IMPACT RESISTANT LOUVER Model 4-SRF	
DRAFTER	DAVID LEI	DATE 8-12-2013

APPROVED JAN 15 2014

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8	8-12	#8 x 1-1/4" SMS	

* ALL FASTENERS ARE STAINLESS STEEL

Design pressure ± 100 PSF



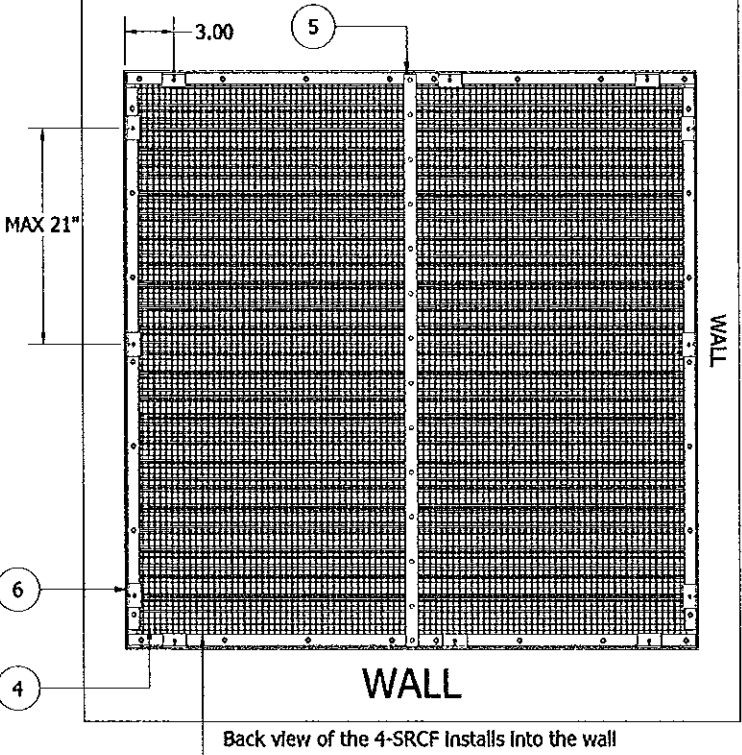
Front view of the 4-SRCF

FASTENER QUANTITIES

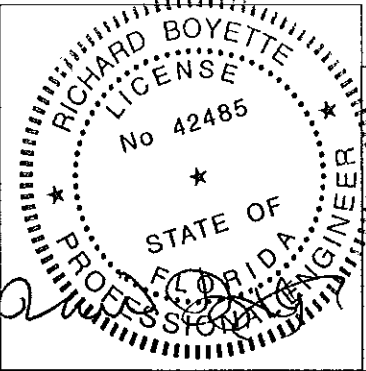
MAX INSIDE DIMENSION L x W	NO. FASTENERS - SUBSTRATE TYPE		
	WOOD	CONC.	STEEL
18"x18"	8	8	8
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FASTENER SPACING: 3" FROM CORNERS
MAX 21" O.C.

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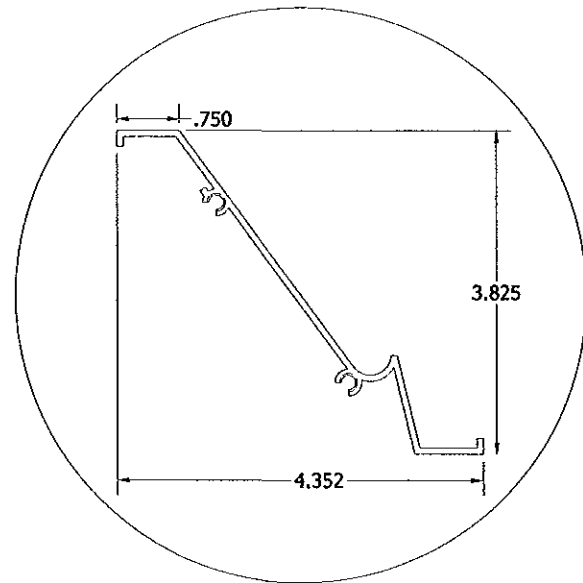
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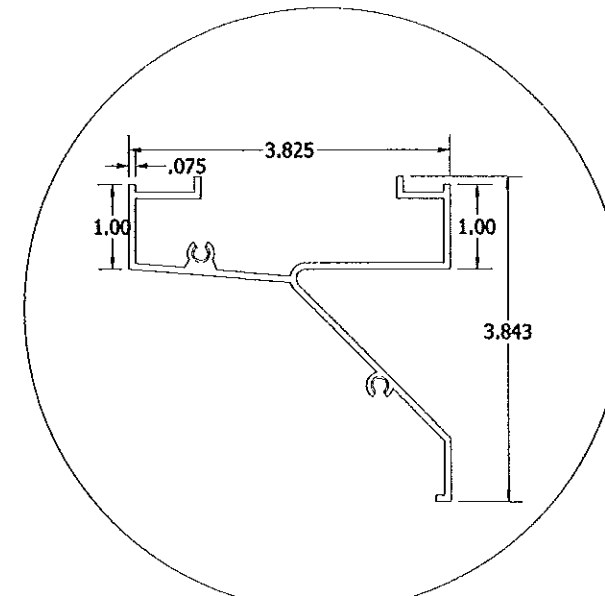
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DWG NO.	4SRF - 4SRCF	Sheet 3 of 4
TITLE	IMPACT RESISTANT CHANNEL FRAME LOUVER Model 4-SRCF	
DRAFTER	DAVID LEI	DATE 8-12-2013

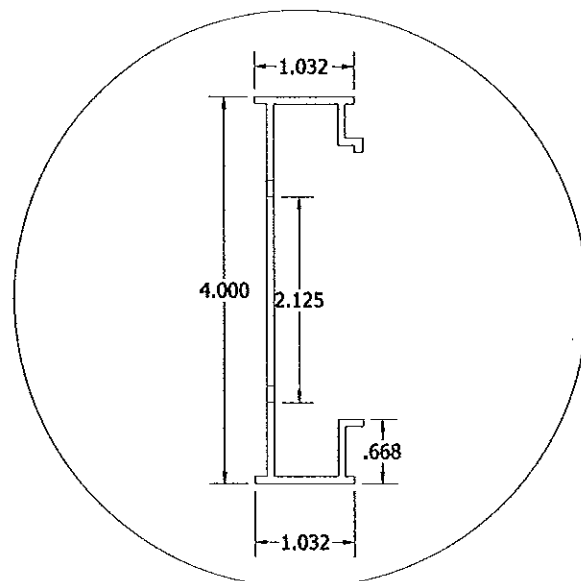
APPROVED JAN 15 2014



Detail Item 1



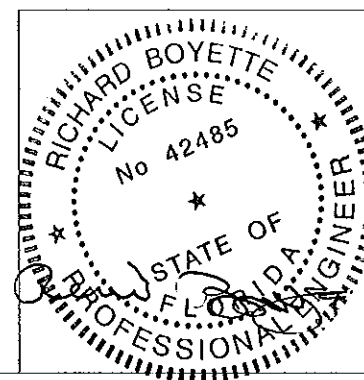
Detail Item 2



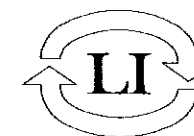
Detail Item 3

Note: These louvers have not been tested for water infiltration per TAS 100(A) (Wind Driven Rain Resistance Test). They are to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/water proof equipment, components, or supplies".

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TITLE	IMPACT RESISTANT CHANNEL FRAME LOUVER Model 4-SRCF	
DRAFTER	DAVID LEI	DATE 8-12-2013

APPROVED JAN 15 2014